

Current Science Index

Vol. 54 Issues 1-15, 1969-70

First number indicates issue; second number, the page.

ACCIDENTS, prevention 1:5
Airplanes, anticollision device 8:5;
largest passenger 15:5; new
wing 6:5; supersonic 8:4
Amazon 12:6
Amchitka 9:7
Animals, adaptations 12:2, 7; cool-
ing device 10:4; communication
5:8; defense 8:4; food habits
12:2; requirements 12:2-3
Antarctica, environment studies
1:2; ice cap 3:4
Antibodies 4:6; 10:4; 13:2
Arthritis 14:8
Artificial arm 9:4
Astrology 6:8
Astronauts 2:3; 9:5
Athlete studies 3:5
Atom, explosions 8:2; 9:7; new
uses 8:1-3
Auto, computer-controlled 4:2-3

BACTERIA 8:5; 15:6
Balloons, astronomical 10:2;
weather 6:3
Bamboo 4:5
Bats, activities 1:5
Bears, park grizzlies 4:4
Better ways 4:8
Birds, migration 8:7; scaring de-
vices 9:5
Blind, aids for 10:8
Bomex 6:1-3
Brain wave studies 7:3
Breath analysis 13:4
Bubble studies 3:6; 14:4
Burglar alarm 6:4

CANCER 6:5; 8:5; 13:1-3
Carpet, electronic 10:5
Cell division 13:3
Chromosome damage 11:8
Cloud studies 6:3
Color vision, afterimages 1:8
Coelacanth 3:4
Common cold 1:4; 10:4
Conservation, problems 12:6-7;
13:5
Coral 12:6
Cyclamates 11:8

DDT 13:4
Development, plant 9:1-3
Dinosaur 15:4
Dwarfism 8:4

EARTH signals 6:5
Earthquakes 11:4
Ecology, special issue 12:1-8
Electricity 13:4

Elephants 10:4
Engine, turbo prop 4:2
Enzymes, new uses 14:8
Erosion 11:5
Everglades Park 12:5
Exploding bottles 3:4

FIRE, combustion studies 1:6; in
forests 12:7
Fluoridation 7:5
Food chain 12:3
Fossil digs 7:3; 13:5
Fuels 10:4

GAMMA rays 10:4
Gatch, Donald 5:5
Gates, David 12:4
Gene isolation 15:6
Glaciers 14:8; 15:5
Glomar Challenger 1:4
Gravity 1:5; 13:7
Guinea pig scientist 15:4

HAIR 7:7
Hibernation 10:6
Holograms 7:5
Hormones, animal 6:7; 10:6
Hot paint 7:8
Hunger studies 5:1-3; 14:4
Hurricane control 15:4
Hybridization, cellular 13:2

ICEBERGS, uses 14:8
Indians 13:6
Invaders, plants 1:1
Inventions, student 14:5

LAND restoration 5:7
Landslides, prediction 3:4
Lasers 6:5
Lemmings 6:7
Leukemia 12:2
Locust swarms 3:5

MACE 5:4
Magnetism 8:7
Magnets, in blood 1:4
Mariner flights 3:2-3
Mars 3:1-3; future flights 3:3; 6:4;
life studies 3:3; 1:2; new re-
gions 4:4; photos 3:2
Martians study earth 3:8
Measles, German 4:6
Meteorites 11:2-3; 12:8
Meteorological studies 6:1-3; stu-
dents 14:1-3
Metric system 6:6
Migration, animal 6:7; 8:7
Mimicry, insect 1:5
Minerals, from the sea 8:4; plants

as indicators 1:7
Mini-sub 10:5
Mirror heat 1:5
Moon, Apollo 11 studies 2:6; dis-
tance from Earth 2:8; flight
reservations 2:8; future explo-
ration 2:7; laser experiments
7:6; rocks 2:4, 6; 3:5; 7:4, 6;
seas 7:6; special issue 2:1-8;
student interest 2:8
Mt. Rainier 9:4
Mystery photo 6:5; 10:5

NARWHAL 7:4; 8:5
Niagara Falls 4:7
Noah's Ark 5:5
Nobel prize winners in medicine
11:5

OBSERVATORY, orbiting 10:1-3
Ocean research 1:5
Oil slicks 3:5; 12:6; 12:8

PACEMAKER, atomic 8:3
Packages, edible 15:1
Planet, new 4:5; tour 13:8
Pollution, air, 3:5; 4:4; 5:4; 7:4;
7:7
Pollution, trash 15:1
Pollution, water 4:4; 5:4; 6:7; 7:1-2
Polywater 10:7
Population, explosion of 15:5
Protein, deficiency effects 5:2-3;
role in diet 5:2
Protozoa 5:5
Puzzle, animals 3:5; crossword
13:5; measurement 8:5

QUARKS 4:5; 11:6

RADIATION, for strength 15:4
Radioactivity 8:2
Rickets 5:3
Rivers, wild 1:4
Robots, lawnmower 1:4; sailboat
7:5

SAFETY, school bus 8:8
Satellites 9:4; 10:1-3
Saturn's rings 15:4
Science newsmakers 5:5; 11:5
Seals 11:4
Sewage, reclamation 10:5
Ships, subfinder 5:6; icebreaker
9:6
Short-lived phenomena 11:1-3
Skiing studies 6:4
Skull, oldest human 10:5
Smoking 12:8
Sonic booms 11:4
Space station 2:7; 11:7; Soviet
12:8

Speech, computer-aided 5:5
Spiders, outbreak 3:6
Starfish 12:6
Stars, photos in ultraviolet light
10:3; X-ray 3:4
Strip mining 5:7
Student scientists 7:1-3; 13:1-3
Sunspots 11:4
Surtsey 1:1

TEKTITES 8:5
Telescopes 8:4; 10:3
Temperature, recording 15:5
Test, *Current Science* 14:6-7
Tissues, plant 9:2
Tornadoes 14:1-2
Trains, experimental 4:2-3
Transportation, problems 4:1
Trash, salvaging and reuse 15:1-
3
Twister vehicle 11:5

UPSIDE-DOWN glasses 7:5

VENICE 8:6
Viruses 9:4; 12:2; 15:6
Volcanoes 1:1; 11:1

WALKING catfish 4:5
Waterspouts 6:2
Weapons detector 7:4
Weather platform 6:2; studies
9:8; 14:1-3; 14:8
Weightlessness 13:4
What was happening? 7:5; 15:5
Women scientists 5:5
Wool 9:5

YOU ASKED 4:5; 9:5

TEACHER'S EDITION

Ecology in the Classroom 12
Editorial Staff 1
Egg in a Bottle 15
IQ Numbers Game 5
Is Sex a Dirty Word? 9
NASA's Service to Teachers 2
Shutters Click With Teachers 7
Teaching About: Here Come the
Scientists 11; Hostile Environ-
ments 1; Hunger 5; Man on
the Moon 2; Martian Environ-
ment 3; Student Forecasts 14;
Student Science Adventures 7;
Test-Tube Tree 9; Trash Prob-
lem 15
Teaching Science News 1
Time To Test 14
Wave of the Future—Behavioral
Objectives 3
You Will Teach About Drugs 11

Pete: Why did the moron tiptoe past the medi-
cine cabinet?
Jackie: Because he didn't want to wake up the
sleeping pills.
—Debbie Rodriguez, Luling, La.

Chester: Do you know what Matt Dillon died
of?
Kitty: I don't know, what?
Chester: Dodge fever.
—Randy Bacon, Northville, S. Dak.

Danny: How is a baseball team like a pancake?
Randy: I don't know, how?
Danny: Its success depends on the batter!
—Ladonna Bernard, Cary, N.C.

Don: Did you hear about the kidnapping in
Texas?
John: No. What happened?
Don: They woke him up!
—Kathy Jackson, Cody, Nebr.

Pete: What do they call a cat that drinks
lemonade?
John: A sour puss.
—Jeanie Westbrook, Charleston, Mo.

No issue next week. Have a happy
winter vacation!



"I misspelled a word."

Current Science Index

Vol. 54 Issues 1-15, 1969-70

First number indicates issue; second number, the page.

ACCIDENTS, prevention 1:5
Airplanes, anticollision device 8:5;
largest passenger 15:5; new
wing 6:5; supersonic 8:4
Amazon 12:6
Amchitka 9:7
Animals, adaptations 12:2, 7; cool-
ing device 10:4; communication
5:8; defense 8:4; food habits
12:2; requirements 12:2-3
Antarctica, environment studies
1:2; ice cap 3:4
Antibodies 4:6; 10:4; 13:2
Arthritis 14:8
Artificial arm 9:4
Astrology 6:8
Astronauts 2:3; 9:5
Athlete studies 3:5
Atom, explosions 8:2; 9:7; new
uses 8:1-3
Auto, computer-controlled 4:2-3

BACTERIA 8:5; 15:6
Balloons, astronomical 10:2;
weather 6:3
Bamboo 4:5
Bats, activities 1:5
Bears, park grizzlies 4:4
Better ways 4:8
Birds, migration 8:7; scaring de-
vices 9:5
Blind, aids for 10:8
Bomex 6:1-3
Brain wave studies 7:3
Breath analysis 13:4
Bubble studies 3:6; 14:4
Burglar alarm 6:4

CANCER 6:5; 8:5; 13:1-3
Carpet, electronic 10:5
Cell division 13:3
Chromosome damage 11:8
Cloud studies 6:3
Color vision, afterimages 1:8
Coelacanth 3:4
Common cold 1:4; 10:4
Conservation, problems 12:6-7;
13:5
Coral 12:6
Cyclamates 11:8

DDT 13:4
Development, plant 9:1-3
Dinosaur 15:4
Dwarfism 8:4

EARTH signals 6:5
Earthquakes 11:4
Ecology, special issue 12:1-8
Electricity 13:4

Elephants 10:4
Engine, turbo prop 4:2
Enzymes, new uses 14:8
Erosion 11:5
Everglades Park 12:5
Exploding bottles 3:4

FIRE, combustion studies 1:6; in
forests 12:7
Fluoridation 7:5
Food chain 12:3
Fossil digs 7:3; 13:5
Fuels 10:4

GAMMA rays 10:4
Gatch, Donald 5:5
Gates, David 12:4
Gene isolation 15:6
Glaciers 14:8; 15:5
Glomar Challenger 1:4
Gravity 1:5; 13:7
Guinea pig scientist 15:4

HAIR 7:7
Hibernation 10:6
Holograms 7:5
Hormones, animal 6:7; 10:6
Hot paint 7:8
Hunger studies 5:1-3; 14:4
Hurricane control 15:4
Hybridization, cellular 13:2

ICEBERGS, uses 14:8
Indians 13:6
Invaders, plants 1:1
Inventions, student 14:5

LAND restoration 5:7
Landslides, prediction 3:4
Lasers 6:5
Lemmings 6:7
Leukemia 12:2
Locust swarms 3:5

MACE 5:4
Magnetism 8:7
Magnets, in blood 1:4
Mariner flights 3:2-3
Mars 3:1-3; future flights 3:3; 6:4;
life studies 3:3; 1:2; new re-
gions 4:4; photos 3:2
Martians study earth 3:8
Measles, German 4:6
Meteorites 11:2-3; 12:8
Meteorological studies 6:1-3; stu-
dents 14:1-3
Metric system 6:6
Migration, animal 6:7; 8:7
Mimicry, insect 1:5
Minerals, from the sea 8:4; plants

as indicators 1:7
Mini-sub 10:5
Mirror heat 1:5
Moon, Apollo 11 studies 2:6; dis-
tance from Earth 2:8; flight
reservations 2:8; future explo-
ration 2:7; laser experiments
7:6; rocks 2:4, 6; 3:5; 7:4, 6;
seas 7:6; special issue 2:1-8;
student interest 2:8
Mt. Rainier 9:4
Mystery photo 6:5; 10:5

NARWHAL 7:4; 8:5
Niagara Falls 4:7
Noah's Ark 5:5
Nobel prize winners in medicine
11:5

OBSERVATORY, orbiting 10:1-3
Ocean research 1:5
Oil slicks 3:5; 12:6; 12:8

PACEMAKER, atomic 8:3
Packages, edible 15:1
Planet, new 4:5; tour 13:8
Pollution, air, 3:5; 4:4; 5:4; 7:4;
7:7
Pollution, trash 15:1
Pollution, water 4:4; 5:4; 6:7; 7:1-2
Polywater 10:7
Population, explosion of 15:5
Protein, deficiency effects 5:2-3;
role in diet 5:2
Protozoa 5:5
Puzzle, animals 3:5; crossword
13:5; measurement 8:5

QUARKS 4:5; 11:6

RADIATION, for strength 15:4
Radioactivity 8:2
Rickets 5:3
Rivers, wild 1:4
Robots, lawnmower 1:4; sailboat
7:5

SAFETY, school bus 8:8
Satellites 9:4; 10:1-3
Saturn's rings 15:4
Science newsmakers 5:5; 11:5
Seals 11:4
Sewage, reclamation 10:5
Ships, subfinder 5:6; icebreaker
9:6
Short-lived phenomena 11:1-3
Skiing studies 6:4
Skull, oldest human 10:5
Smoking 12:8
Sonic booms 11:4
Space station 2:7; 11:7; Soviet
12:8

Speech, computer-aided 5:5
Spiders, outbreak 3:6
Starfish 12:6
Stars, photos in ultraviolet light
10:3; X-ray 3:4
Strip mining 5:7
Student scientists 7:1-3; 13:1-3
Sunspots 11:4
Surtsey 1:1

TEKTITES 8:5
Telescopes 8:4; 10:3
Temperature, recording 15:5
Test, *Current Science* 14:6-7
Tissues, plant 9:2
Tornadoes 14:1-2
Trains, experimental 4:2-3
Transportation, problems 4:1
Trash, salvaging and reuse 15:1-
3
Twister vehicle 11:5

UPSIDE-DOWN glasses 7:5

VENICE 8:6
Viruses 9:4; 12:2; 15:6
Volcanoes 1:1; 11:1

WALKING catfish 4:5
Waterspouts 6:2
Weapons detector 7:4
Weather platform 6:2; studies
9:8; 14:1-3; 14:8
Weightlessness 13:4
What was happening? 7:5; 15:5
Women scientists 5:5
Wool 9:5

YOU ASKED 4:5; 9:5

TEACHER'S EDITION

Ecology in the Classroom 12
Editorial Staff 1
Egg in a Bottle 15
IQ Numbers Game 5
Is Sex a Dirty Word? 9
NASA's Service to Teachers 2
Shutters Click With Teachers 7
Teaching About: Here Come the
Scientists 11; Hostile Environ-
ments 1; Hunger 5; Man on
the Moon 2; Martian Environ-
ment 3; Student Forecasts 14;
Student Science Adventures 7;
Test-Tube Tree 9; Trash Prob-
lem 15
Teaching Science News 1
Time To Test 14
Wave of the Future—Behavioral
Objectives 3
You Will Teach About Drugs 11

Pete: Why did the moron tiptoe past the medi-
cine cabinet?
Jackie: Because he didn't want to wake up the
sleeping pills.
—Debbie Rodriguez, Luling, La.

Chester: Do you know what Matt Dillon died
of?
Kitty: I don't know, what?
Chester: Dodge fever.
—Randy Bacon, Northville, S. Dak.

Danny: How is a baseball team like a pancake?
Randy: I don't know, how?
Danny: Its success depends on the batter!
—Ladonna Bernard, Cary, N.C.

Don: Did you hear about the kidnapping in
Texas?
John: No. What happened?
Don: They woke him up!
—Kathy Jackson, Cody, Nebr.

Pete: What do they call a cat that drinks
lemonade?
John: A sour puss.
—Jeanie Westbrook, Charleston, Mo.

No issue next week. Have a happy
winter vacation!



"I misspelled a word."

Current Science Index

Vol. 55, Issues 16-30, 1969-70

First number indicates issue; second number the page.

ACNE, 22:8

Algae, 28:8
Animals, make-believe, 22:6-7
Antimatter, 26:7
Apollo spacecraft, 25:5; 28:7
Arctic sea ice melting, 30:1-3
Asteroids, 21:7
Astronauts, 19:5; 22:4; 28:7; 30:7
Atomic energy, 17:7; particles, 23:1-3, 29:1-3

BEES, plastic hives, 28:4

Beetle, whirligig, 26:8
Ben Franklin sub, 16:2
Birds, extinction, 18:4; 30:7
Blanket, aluminum, 23:4
Bomb detector, 26:5

CAGES, animal, 25:2

Cancer, 25:4; 26:4; 29:1
Casts, medical, 16:8
Catfish, walking, 23:4
Cells, nerve, 21:2
Climate, change, 24:8; effect of pollution, 30:1-3
Cold, common, 18:5
Comet, Bennett's, 28:4
Computers, 21:5
Continental drift, 17:6
Control, biological, 18:6; 25:4
Corona, sun, 19:1-2
Crater formation, Earth, 22:5
Cyclamates, 17:3

DDT, 18:6

Deaf, 30:6
Deer in Everglades, 28:4-5
Diamonds, synthetic, 20:8
Dust, airborne, 16:8

EARTH DAY, 26:1-3; 27:8; 30:7

Eclipse, solar, 19:1-3
Einstein, Albert, 22:1-3
Elements, new, 23:1-3; chart, 23:3
Elk, 30:6
Elm beetle, 21:4
Everglades, 19:4
Evolution, man, 24:1-5
Explorer I, 24:8; 28:4

FERMI, Enrico, 22:1-3

Fire fighting, 18:4
Flame studies, 25:5
Flu, Hong Kong, 19:5
Fog, 30:7
Food additives, 17:1-3
Fossil, shells, 18:5; reptile, 17:6

GENETIC damage, 17:3

Gravity waves, 23:4

HABITATS, animal zoo, 25:2-3

Headaches, 20:8
Heart transplants, 17:5
Hot dog, meatless, 18:4
Hunger, 30:7

INJURY, body reaction, 25:7

Insect control, 18:6

LAUGHTER, 22:4

Lightning, 26:4
Lystrosaurus, 17:6

MAGNETISM, moon, 18:2;

Earth, 21:6; effects on seeds, 27:6
Man, special issue, 24:1-8
Memory, 21:1-3
Mercury, 28:4
Meteors, 19:4
Milk, artificial, 25:4
Moon, dust, 28:5; jeep, 28:7; structure, 18:1-3
Mosquitoes, effect of garlic, 28:4
Movies, 3-D, 19:5
Mystery photo, 18:5

NUCLEAR fusion, 17:7

Nutrition, 22:5
Neutrography, 29:1-3
Neutrons, 29:1-3

OBSERVATORY, undersea, 20:8

Ocean, age, 30:6; farming, 16:7; formation, 23:6; re-

sources, 16:6; special color issue, 16

Odor blindness, 24:8

Oldest man, 24:1-2

Orangutan, 25:2

PAINTINGS, rescuing, 28:8

Pioneer spacecraft, 23:5
Planaria, 21:3
Plastics, 18:5
Poetry, teacher, 23:7
Pogo stick, 30:7
Pole, magnetic north, 21:6
Pollution, "E-day," 26:1-3; 27:8; effects, 17:4, 18:5, 25:5, 28:4, 30:1-3; Great Lakes, 25:8; noise, 18:5, 19:8; related activities, 26:6; watch stations, 23:4
Polywater, 18:6
Puzzles, word, 22:5; 28:5

QUARKS, 18:5; 28:5

RADAR, 25:4

Reptile, fossil, 17:6
Rocks, moon, 17:2-3; 25:6
Rod, lightning, 23:5

SATELLITE, 17:8, 18:4, 22:5,

28:4, 30:6
Science, in 60's, 20:1-3; in 70's, 20:4-6
Science newsmakers, 17:5, 21:5
Scientist, qualities of, 22:1-3
Sealab III, 16:2-3
Seeding, cloud, 25:5
Shuttle craft, 18:8; 30:6
Skin, test-tube, 28:4-5
Smallpox, 23:8
Smoking, 18:4, 29:1-3
Soil, moon, 17:3, 18:4, 26:4
Solar system, origin, 21:5
Space travel, 21:7, 26:5, 30:6
SST, 22:5
Stone Age, tribe, 30:6
Sun scope, 19:6-7
Superflea, 16:8
Sweetener, new, 19:5

TEKTITE I, 16:4

Telephone, 30:6
Test, 29:6-7

Thermometer, paper, 24:8

Tides, 21:5; land, 23:5

Tooth, plastic, 17:4; decay, 21:4, 28:6

Traffic control, electronic, 28:4-5

Trash, disposal, 19:4, 21:4

UFO's, 17:5

Ultrasonics, 19:5

Undersea vehicles, 21:8

Universe, 16:8

VACCINATION, 23:8

Viruses, 18:6

WATERWAYS, 25:4

We ask, 23:5
What was happening? 25:5
Whooping cranes, 18:4

YOU ASKED, 19:5, 26:5

ZOO, 25:1-3

TEACHER'S EDITION

BSCS Looks at Junior High Science, 16

Community Resource People, 18

Ecology: The Integrative Science Part I, 21; Part II, 23

Next year in *Current Science*, 30

Poetry in Science, 28

Student Discovery, 17

Teaching About: Arctic, 30; Elements, 23; Environment, 26; Food additives, 17;

Memory, 21; Moon, 18; Neutrons, 28; Sea, 16

Teach-In, 26

A microfilm copy of this year's 30 issues of *Current Science* may be purchased for approximately \$3 from the Customer Relations Department, University Microfilms/A Xerox Company, 300 North Zeeb Road, Ann Arbor, MI 48106. Back issues of previous years are also available.

Just for Fun

Mother: Nancy, have you filled the salt-shaker?

Nancy: Not yet, Mommy. It's hard pushing the salt through these little holes.

—Diana Florentino, Astoria, N.Y.

Sam: Were you invited to Betty's party?

Tom: Betty who?

Sam: Betty Crocker's party. She invited all the crumbs.

—Ken Weitkamp, Leola, Pa.

Bob: Can you name the four new states?
Fritz: But there are only two, Hawaii and Alaska.

Bob: No, there are four—New York, New Jersey, New Mexico, and New Hampshire.

—Jackie Oimoen, Barneveld, Wis.

A youngster, upon being presented with a huge German shepherd for his birthday, looked at the big dog in wonder. Then he turned to his father and asked: "Is he for me or am I for him?"

—Debra Allarado, Pierre Part, La.

Two girl roommates were talking about their dates. The first exclaimed, "My date was terrible. Not only did he lie to me about the size of his yacht, but he made me row!"

—Gonzalo Crujeiras, Baltimore, Md.